

Claims.

- 1). An inhalator for single-dose mixtures in capsules comprising a main body (2) having an inhalation conduit (3), wherein:  
the main body (2) comprises a first surface (10) which extends planar and parallel to a longitudinal axis of the inhalation conduit (3) and exhibits a hole (8) for communication with the inhalation conduit (3);  
the inhalator also comprises a second body (4) which exhibits a second surface (14), shaped complementarily to the first surface (10) and placed in contact with the first surface (10), on which first surface (10) a housing (5) is fashioned, into which housing (5) a capsule (30) can be at least partially inserted; the second body (4) being rotatably coupled with the main body (2), and being able to rotate from an open position, in which the housing (5) is accessible from outside for insertion of a capsule (30), and a closed position, in which the housing (5) is aligned with the hole (8);  
the inhalator also comprises means for cutting (11) for cutting off a portion of a capsule (30) which projects from the housing (5) during rotation of the second body (4) from the open position to the closed position, said means for cutting (11) comprising a cutting edge (11a) arranged peripherally on the first surface (10), a cut portion of said capsule (30) remaining external of the inhalator.
- 2). The inhalator of claim 1, wherein:  
the first surface (10) exhibits an overall shape which is a segment of a circle, with an apex thereof located in an intermediate position with respect to a longitudinal development of the inhalation conduit (3) and comprises a pivot (12) which is perpendicular to the first surface (10) and arranged at the apex of the first surface (10), and a guide spur (13) which is perpendicular to the first surface (10) and

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arranged along an arced edge of the first surface (10), the guide spur (13) having an undercut (13a) and a strike surface (13b).

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3). The inhalator of claim 2, wherein the means for cutting (11) comprise a cutting edge (11a), arranged peripherally on the first surface (10) and having a sawtooth profile.

4). The inhalator of claim 3, wherein the inhalation conduit (3) exhibits a first mouth (6) for aspiration of air from an outside environment, which first mouth (6) is arranged on the first surface (10), and a second mouth (7) for inhalation of a single-dose medicinal mixture, the hole (8) being arranged on the first surface (10) in an intermediate position between the first mouth (6) and the second mouth (7).

5). The inhalator of claim 4, wherein the inhalation conduit (3) exhibits a longitudinal section which is essentially a venturi tube, the hole (8) being arranged in a narrowed, gullet section thereof.

6). The inhalator of claim 5, wherein the hole (8) internally comprises a baffle (9) arranged across a diameter of the hole (8).

7). The inhalator of claim 6, wherein the second body (4) comprises:  
a seating (15) which faces the second surface (14), which seating can be inserted on the pivot (12) to realize a rotatable coupling between the main body (2) and the second body (4) in which the first surface (10) and the second surface (14) are in reciprocal contact and slide one upon another;

a ledge (16), fashioned along an edge of the second body (4), which ledge (16) is complementarily shaped with respect to the undercut (13a) of the guide tooth (13) and which ledge (16) is predisposed to interact contactingly with the undercut (13a);

a ledge strike surface (17) which is perpendicular to a longitudinal development of the ledge (16) and which is arranged at an end of the ledge (16), the ledge strike surface (17) being destined to strike against the strike surface (13b) situated on the guide spur (13);

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a transversal manoeuvring surface (18), perpendicular to the second surface (14), which extends on an opposite side of the second body (4) with respect to the second surface (14).